Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052919\

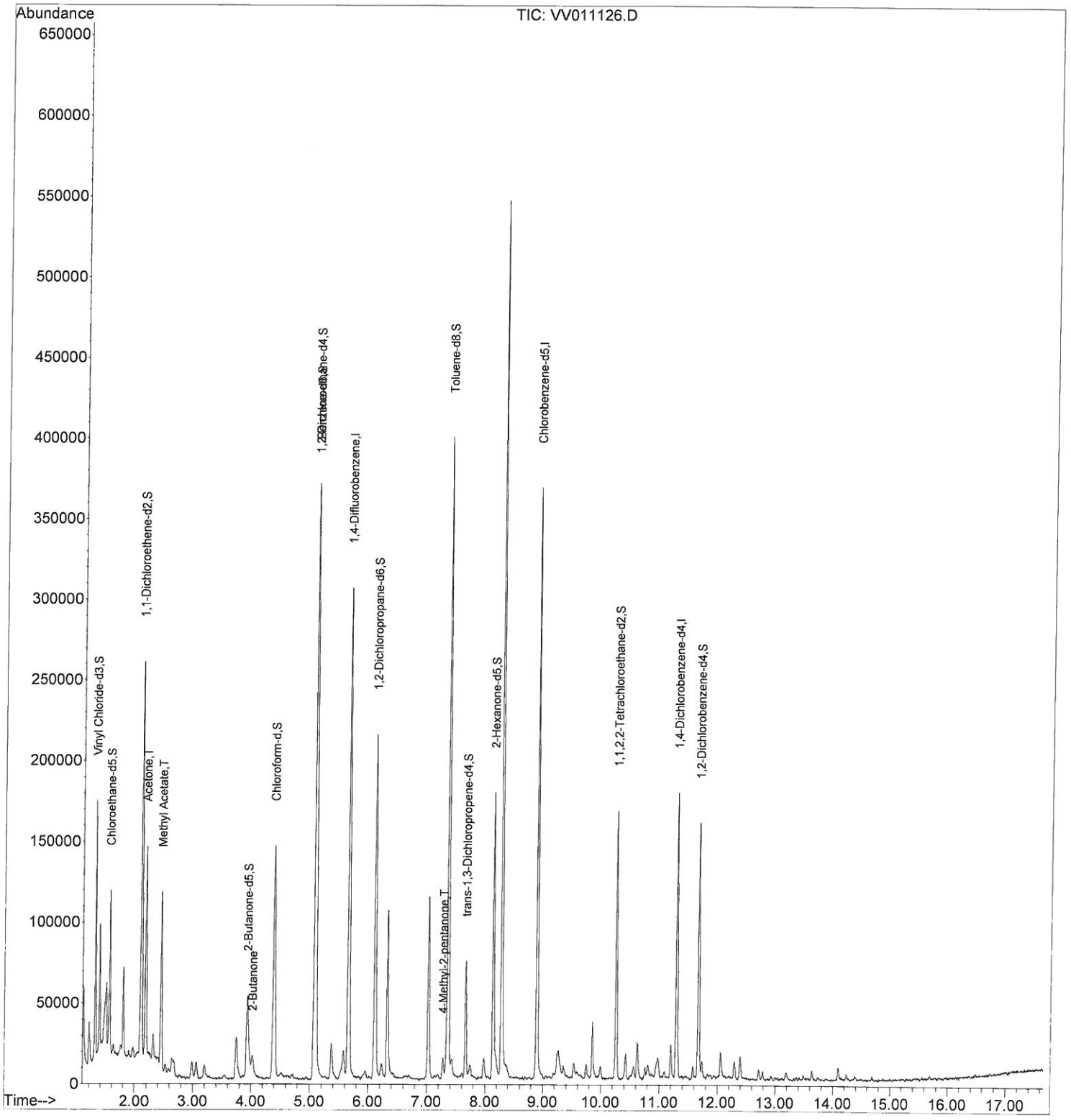
Quantitation Report (LSC Reviewed)

Data File : VV011126.D
Acq On : 30 May 2019 02:06
Operator : SY/MD
Sample : K3017-16
Misc : 4.21G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 31 11:33:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A51E9

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:44:03 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

Quantitation Report (Qedit)

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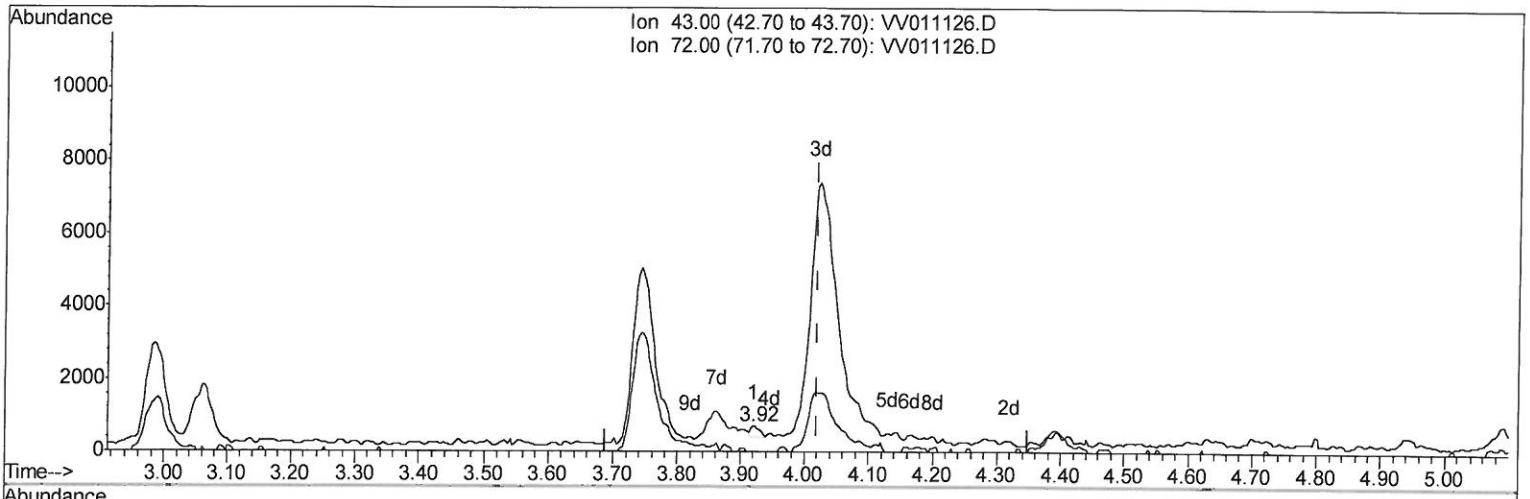

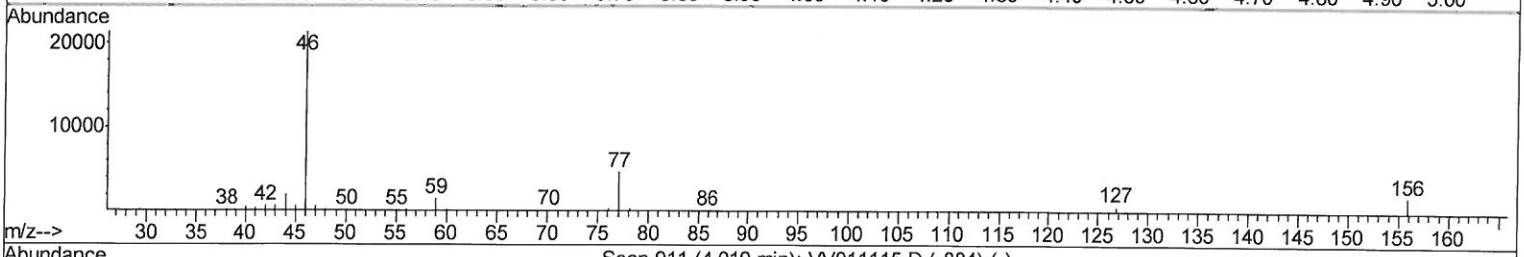

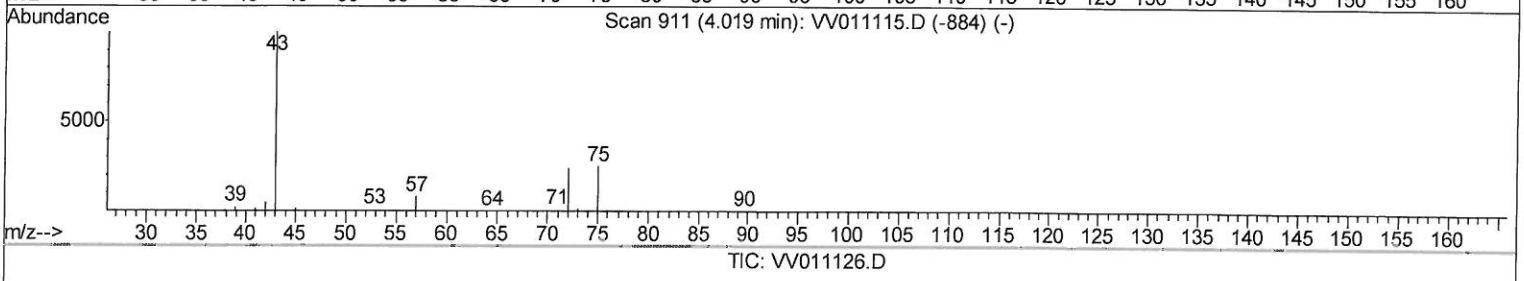

TIC: VV011126.D

(21) 2-Butanone

3.920min (-0.100) 0.16ug/L

response 265

Ion	Exp%	Act%
43.00	100	100
72.00	21.30	23.77
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

Quantitation Report (Qedit)

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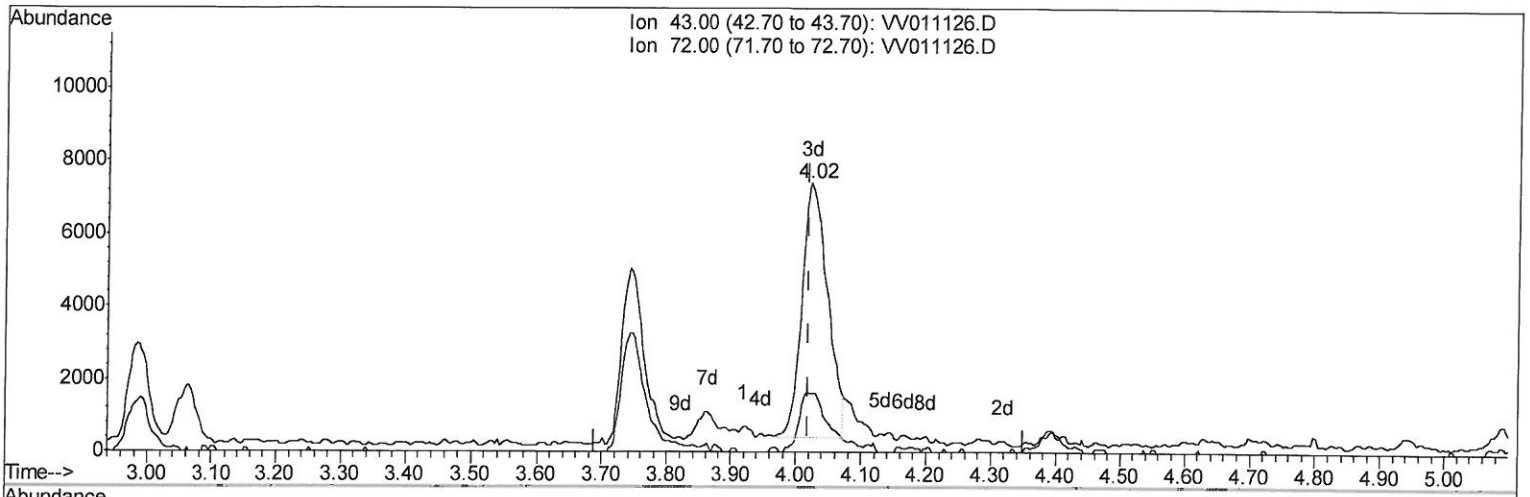

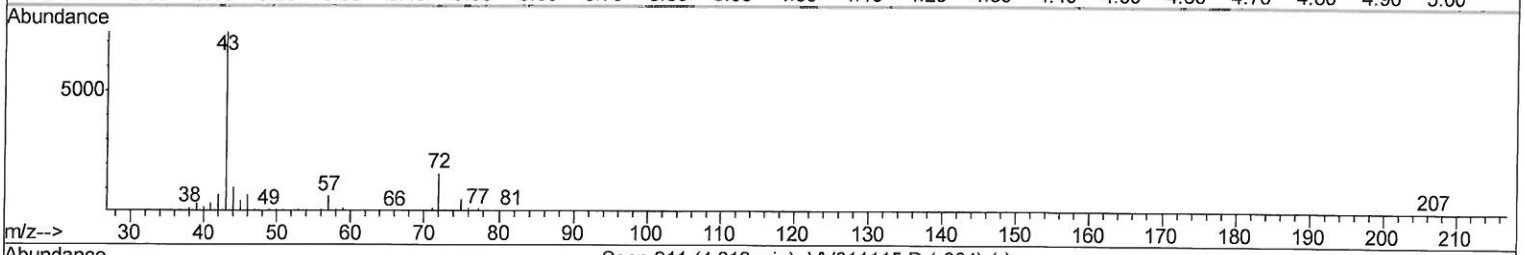

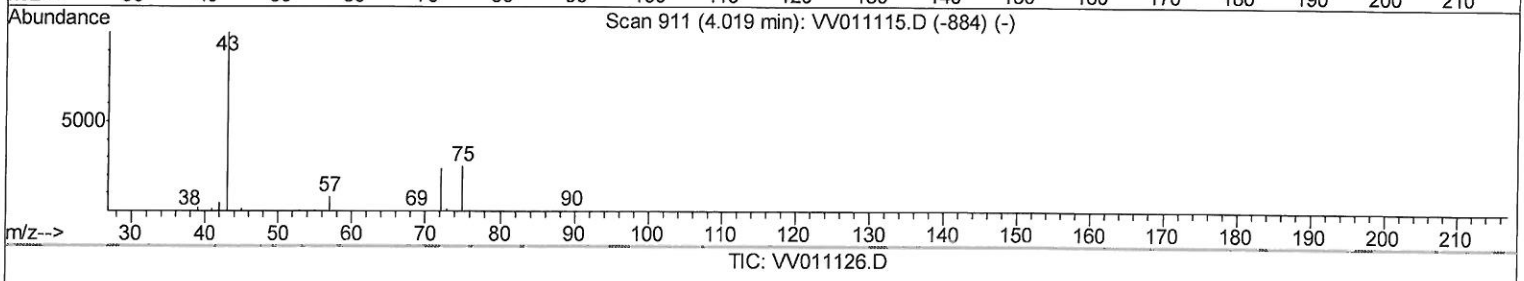

TIC: VV011126.D

(21) 2-Butanone

4.023min (+0.003) 11.63ug/L m 05/31/19 SY

response 18989

Ion	Exp%	Act%
43.00	100	100
72.00	21.30	0.33#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

Quantitation Report (Qedit)

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Operator : SY/MD
Sample : K3017-16
Misc : 4.21G/10ML/MSVOA_V/SOIL
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Quant Title : VOC Analysis
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Instrument :
MSVOA_V
ClientSampleId :
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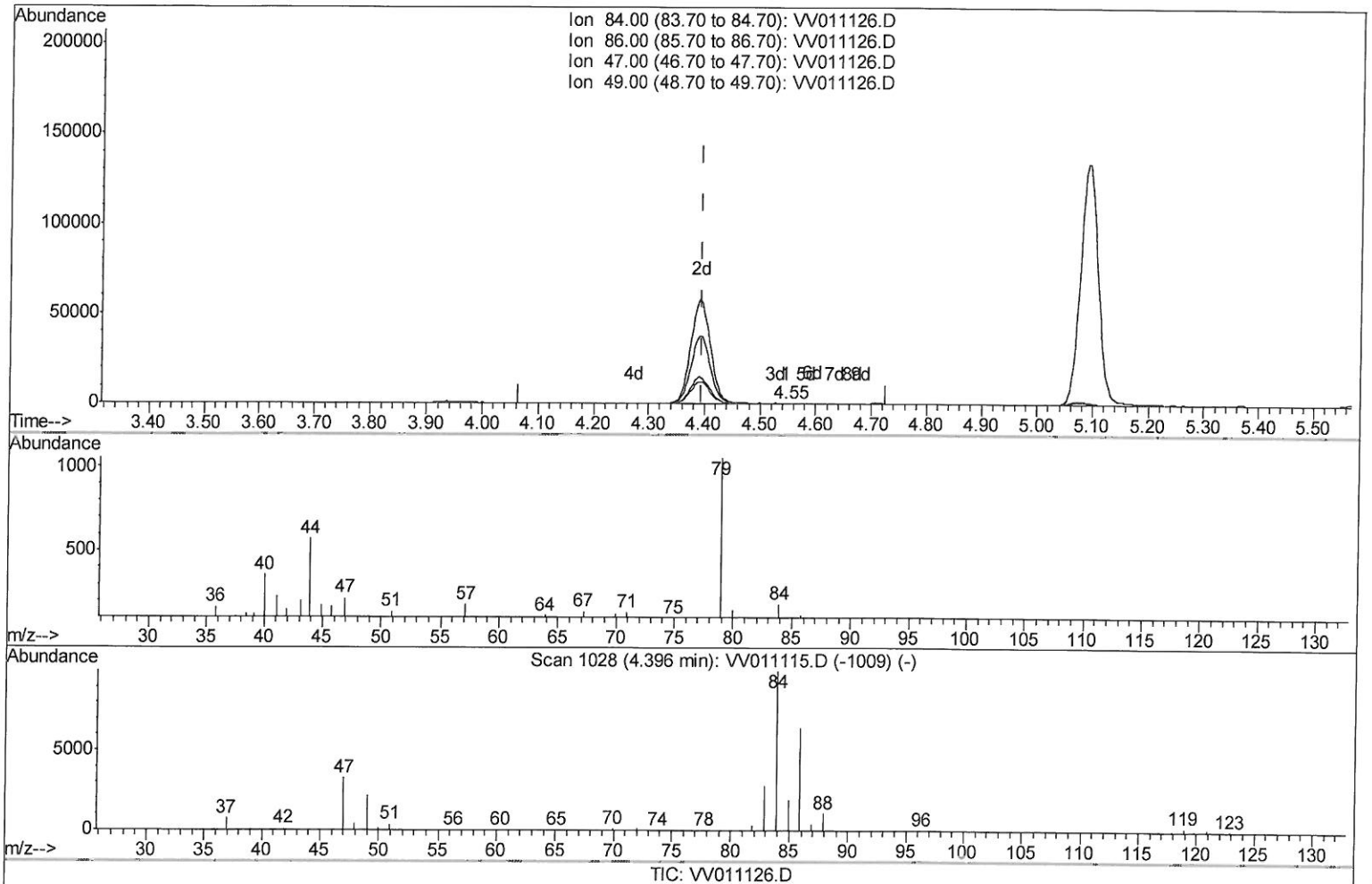
Manual Integrations APPROVED
MMDadoda
6/1/2019 4:44:03 AM



(24) Chloroform-d (S)

4.547min (+0.151) 0.04ug/L

response 265

Ion	Exp%	Act%
84.00	100	100
86.00	62.60	49.06
47.00	50.50	58.87
49.00	29.00	32.45

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

Quantitation Report (Qedit)

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Misc : 4.21G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

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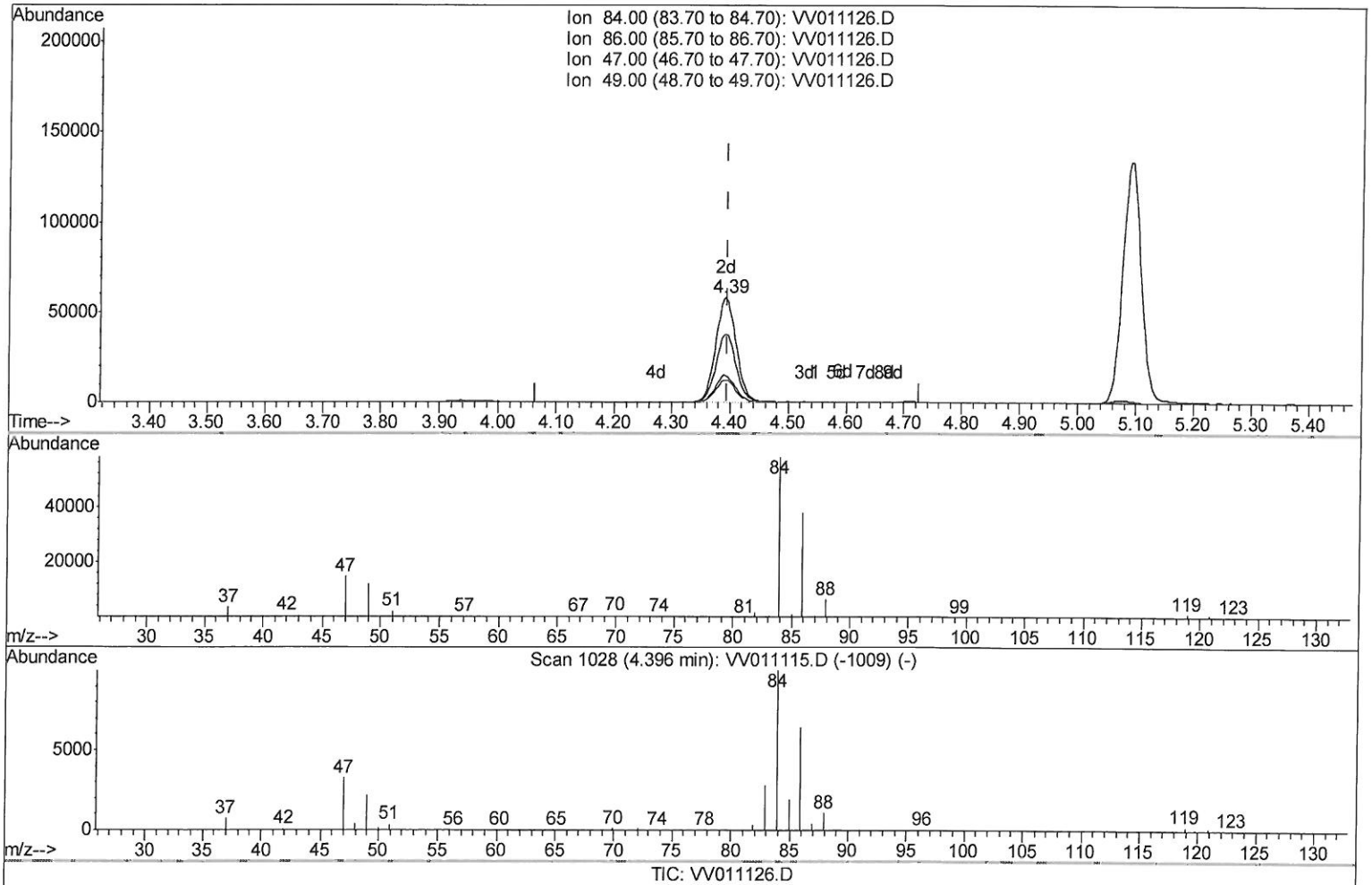
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
A51E9

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:44:03 AM



(24) Chloroform-d (S)

4.393min (-0.003) 23.57ug/L m 5/31/19 SY

response 141621

Ion	Exp%	Act%
84.00	100	100
86.00	62.60	0.09#
47.00	50.50	0.11#
49.00	29.00	0.06#

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052919\

Quantitation Report (LSC Reviewed)

Data File : VV011126.D
Acq On : 30 May 2019 02:06
Operator : SY/MD
Sample : K3017-16
Misc : 4.21G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Instrument : MSVOA_V
ClientSampleId : A51E9

Manual Integrations APPROVED
MMDadoda
6/1/2019 4:44:03 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	247739	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	184452	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43185	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	77635	22.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.44%			
7) Chloroethane-d5	1.56	69	62083	25.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.44%			
10) 1,1-Dichloroethene-d2	2.12	63	115092	18.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.88%			
20) 2-Butanone-d5	3.93	46	81455	69.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.16%#			
24) Chloroform-d	4.39	84	141621m	23.57	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.28%			
26) 1,2-Dichloroethane-d4	5.07	65	94871	24.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%			
29) Benzene-d6	5.09	84	299785	27.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.04%			
33) 1,2-Dichloropropane-d6	6.11	67	98524	28.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.68%			
37) Toluene-d8	7.36	98	251103	25.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.88%			
38) trans-1,3-Dichloropropene-	7.66	79	38721	24.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.76%			
39) 2-Hexanone-d5	8.13	63	57075	76.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 152.48%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78598	26.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.40%			
61) 1,2-Dichlorobenzene-d4	11.67	152	38210	22.37	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.48%			
Target Compounds						Qvalue
13) Acetone	2.18	43	128006	96.522	ug/L	100
15) Methyl Acetate	2.45	43	121660	63.556	ug/L #	100
21) 2-Butanone	4.02	43	18989m	11.627	ug/L	
43) 4-Methyl-2-pentanone	7.27	43	8599	3.299	ug/L	92

5/31/19 SY

5/31/19 SY

(#) = qualifier out of range (m) = manual integration (+) = signals summed